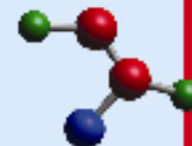




PRODUCT SPECIFICATIONS



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KemTRACE[®] brand Chromium Propionate 0.4% Dry Mineral Supplement (0.4% Chromium from Chromium Propionate)

DESCRIPTION

A chromium supplement for all classes of swine and cattle.

INGREDIENTS

Calcium Carbonate, Chromium Propionate, Propionic Acid, Propylene Glycol and Mineral Oil.

DIRECTIONS

KemTRACE[®] brand Chromium Propionate 0.4% Dry Mineral Supplement is not to be added directly to complete swine feed or complete cattle diets. KemTRACE Chromium Propionate 0.4% Mineral Supplement is designed to be premixed prior to its inclusion into complete swine feed or complete cattle diets. The following premix formulation should be followed:

Ingredient	Percentage (%) of premix
KemTRACE Chromium Propionate 0.4% Dry	10
Inert carrier (e.g. any inert mineral compound is recommended)	90

The resulting premix will contain 0.04% chromium. **SWINE:** Will deliver 200 ppb (parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at the rate of one (1) pound per ton of complete swine feed. **CATTLE:** Will deliver 500 ppb chromium (from chromium propionate) when added and thoroughly mixed at the rate of 2.5 pounds per ton of complete cattle diets. The 0.04% premix should be added to dry ingredients prior to adding to high moisture ingredients or forages. Chromium propionate must not be added to free choice supplements.

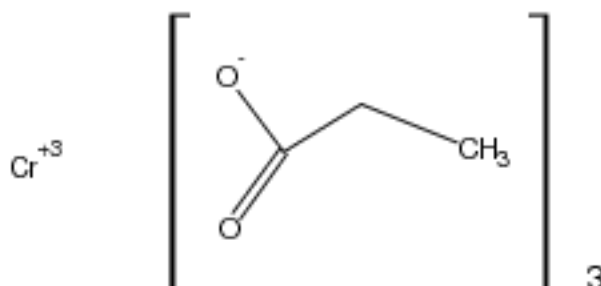
HANDLING AND STORAGE

Store in a clean, dry area. Do not breathe pre-mix dust. Do not cross-contaminate unsupplemented feeds. Restrict use to responsible individuals. Follow label directions. Rotate inventory.

CAUTION

Dust from this product has been classified as a nuisance. Consult MSDS for additional information.

QUALITY SPECIFICATIONS	
Guaranteed analysis:	
Chromium	(Cr) min.....0.4% (elemental); 4,000 ppm
Calcium	(Ca) min.....35%, 350,000 ppm
Calcium	(Ca) max.....40%, 400,000 ppm
pH of a 10% solution	6.5 – 7.5
Residue	Less than 5% (20 mesh screen)
TYPICAL CHARACTERISTICS	
Flowability	Good
Color	Green/brown
Odor	Slightly acid
Bulk Density	60 – 90 lb/ft ³

MOLECULAR STRUCTURE

HEAVY METALS as defined in the Food Chemical Codex Method for Determination of Heavy Metals

Element	Maximum allowable level (ppm)
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Antimony	<10.0
Arsenic	<5.0
Bismuth	<10.0
Cadmium	<1.0
Copper.....	<5.0
Lead	<10.0
Mercury	<10.0
Silver	<1.0
Tin	<5.0

U.S. Patents 5,591,878; 5,707,679; 5,846,581; 6,303,158, Canadian Patents 2,232,393; 2,256,489, Australian Patents 707,201; 734,959, European Union Patents 0902789; 0897267, Mexican Patent 210038, New Zealand Patent 332,280 and Patent Pending.